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				Complete if Known		
Substitute for form 1449A/PTO				Application No.	10/723,434	
INFORMATION DISCLOSURE				Filing Date	November 26, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Pingyu Zhong	
(Use d	is many sh	eets as neces	ssary)	Art Unit	1631	
				Examiner Name	Unassigned	
Sheet	1	Of	1	Attorney Docket No.	26050-709.501	

		OTHER PRIOR ART – NON PATENT RELATED DOCUMENTS	
Examiner Initials*	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	Ţ
PKT/		Chothia et al., Structural Determinants in the Sequences of Immunoglobulin Variable Domain, J. Mol. Biol., Vol. 278, pp. 457-459, 1998.	
/PKT/		Iba et al., Changes in the Specificity of Antibodies Against Steroid Antigens by Introduction of Mutations into Complementarity-Determining Regions of the V _H Domain Protein Engineering, Vol. 11, No. 5, pp. 361-370, 1998.	,
/PKT/		Knappik et al., Fully Synthetic Human Combinatorial Antibody Libraries (HuCAL) Based on Modular Consensus Frameworks and CDRs Randomized with Trinucleotides, J Mol. Biol., Vol. 296, pp. 57-86, 2000.	
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EXAMIN SIGNATU		/Parithosh K Tungaturthi/ DATE CONSIDERED 03/09/2007	

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Comj	Complete if Known						
Application Number	10/723,434						
Filing Date	November 26, 2003						
First Named Inventor	Pingyu Zhong						
Art Unit	1631						
Examiner Name	Not yet assigned						
Attorney Docket Number	26050-709.501						

		NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.1 /PKT/		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		MANDAL, C. et al., "ABGEN A Knowledge-Based Automated Approach for Antibody Structure Modeling", Nature Biotechnology, Vol. 14, March 1996, pp. 323-328.					
		BORREBAECK, C. et al., "Antibody evolution beyond Nature", Nature Biotechnology, Vol. 20, Dec. 2002, pp. 1189-1190.	•				
		BOWIE, J. et al., "A Method to Identify Protein Sequences That Fold into a Known Three-Dimensional Structure", Science, Vol. 253, July 1991, pp. 164-170.					
		VOIGT, C. et al., "Computational method to reduce the search space for directed protein evolution", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 98, No. 7, March 2001, pp. 3778-3783.					
		MOORE, G. et al., "Computational Challenges in Combinatorial Library Design for Protein Engineering", AlChE Journal, Vol. 50, No. 2, Feb. 2004, pp. 262-272.					
		KONO, H. et al., "Statistical Theory for Protein Combinatorial Libraries. Packing Interactions, Backbone Flexibility, and the Sequence Variability of a Main-chain Structure", J. Mol. Biol., Vol. 306 (2001), pp. 607-628.					
		WU, H. et al., "Stepwise in vitro affinity maturation of Vitaxin, an α _V β ₃ -specific humanized mAb", Proc. Natl. Acad. Sci. USA, Vol. 95, May 1998, pp. 6037-6042.					

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Substitute for form 1449/PTO				Application Number	10/723,434 ,	
INFORMATIO	ות אם	SCI	OSURE	Filing Date	November 26, 2003	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Pingyu Zhong	
(Use as many s	sheets (as ne	cessary)	Art Unit	1631	
<u>\$</u> }	•			Examiner Name	Not yet assigned	
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U.S. PATENT DOCUMENTS

Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code ¹ (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS							
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r form 1449	/PTO		Application Number	10/723,434		
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STATEMENT BY APPLICANT		First Named Inventor	Pingyu Zhong			
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			Examiner Name	Not yet assigned		
1	of	1	Attorney Docket Number	26050-709.501		
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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/PKT/	<u> </u>	US-2002/0032315	03/14/2002	Baca, et al.	
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				Complete if Known		
Substitute for form 1449/PTO				Application Number	10/723,434	
INFORMATION DISCLOSURE			LOSURE	Filing Date	November 26, 2003	
STATE	STATEMENT BY APPLICANT			First Named Inventor	Pingyu Zhong	
(Use a	s many shee	ts as ne	cessary)	Art Unit	1643	
				Examiner Name	Parithosh K. Tungaturthi	
Sheet	1	Of	1	Attorney Docket Number	26050-709.501	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ – Number ⁴ – Kind Code ³ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Té		
/PKT/	1.	WO 98/45331 A2	10-15-1998	Genentech, Inc.				

NON PATENT LITERATURE DOCUMENTS				
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/PKT/	2.	JANWAY, et al. Structure of the antibody molecule and the immunoglobulin genes. In: Immunobiology. 1994; 3:1-3:3.		

Examiner Signature /Parithosh K Tungaturthi/ Dat Cor	ate onsidered 03/09/2007
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